

File No. \_\_\_\_\_

DUPLICATE

RECEIVED

County Callatin

LOG

OCT 6 1969

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level \_\_\_\_\_)

**Notice of Completion of Groundwater  
Appropriation by Means of Well**

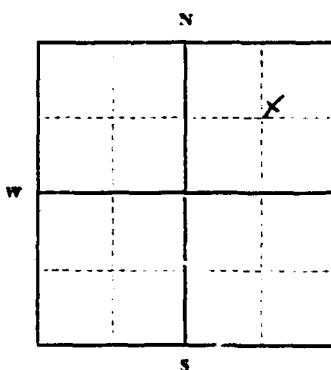
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner DEAN CHAFFIN Address BOZEMAN, MONTANADriller VAN DYKEN DRILLING CO. Address BOZEMAN, MONTANADate of Notice of appropriation of groundwater noneDate well started July 22/69 Date completed July 30/69Type of well Drilled Equipment used Cable tools  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 7/8" O.S. 17# per ft.	0'	48'	none		

Static Water Level for non-flowing well 18' feet.Shut-in Pressure for Flowing Well nonePumping Water Level 28' feet  
at 25 gal. per minute.Discharge in gal. per min. of flowing well noneHow Tested SailerLength of Test 2 Hrs.Remarks: (Gravel packing, cementing, packers, type of shutoff) Buddled clays  
shutoff outside of casing  
from 0' to 48'NE 1/4 Sec. 16, T. 25, R. 1E  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

LICENSE NO. 1

Driller's License Number

Driller's Signature

45711

2244

State of Montana }  
County of Gallatin } ss.  
Filed Oct 6, 1969  
at 10:00 o'clock A.M.  
Carl L. Stueby  
County Clerk & Recorder  
By Alta M. Hungen  
Deputy  
Fee \$ 2.00

County **GALLATIN**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

**Developed after January 1, 1962**

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

WALTER KIRKE FRANTZ and

Owner **CHARLOTTE C. FRANTZ**

**# 12 SUNSET HEIGHTS**  
Address **RT 2 BOX 16**

**Boxman, Montana**

Date well started Sept 6-1965 GW 1

completed Sept 18 1965

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used ..... Cable tool

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

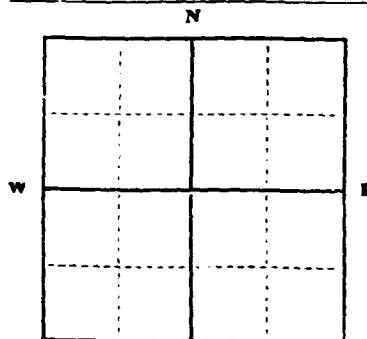
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

**\*Describe**

**USE:** If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

## ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6 5/8 OD 19 lb	4 above 63 ft		None		



Static water level 33.....ft.\*  
Pumping water level 46.....ft.\*  
at 30.....gallons per minute,  
measured 30.....minutes after pumping  
began.

\*Measured from ground level.  
Well developed by holler & pump  
for 3 hrs hours.  
Power 230 volt pump 3/4 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

Sunset Heights Sub-div

1/4 1/4 Sec 15  
T. 2 S. ~~X~~N R. 6 ~~X~~E  
~~X~~S ~~X~~W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Harold B. Hubert

Driller's Address Rt One Bozeman, Montana

..... Mulbert Drilling ..... LICENSE NO. 47 .....

### DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
0	1	case soil
1	15	clay
15	22	clay & rock
22	34	clay
34	35	sand & some water
35	45	sand rock
45	49	sand rock & some water
49	50	clay
50	58	sand rock
58	63	clay & rock
63	68	sand rock
68	70	gravel sand & water

70 Show exact depth of bottom

51083

3106

State of Montana )  
County of Gallatin ) ss.  
Filed Aug 3, 19 72  
at 2:20 o'clock P. M.  
Carl L. Stucky  
County Clerk & Recorder  
By Alva M. Whitman  
Deputy  
Fee \$ 3.00 pd

File No. MONTANA WATER RESOURCES BOARD  
 DUPLICATE

T. 2S R. 6E  
 County Gallatin

**RECEIVED**

JUN 11 1968

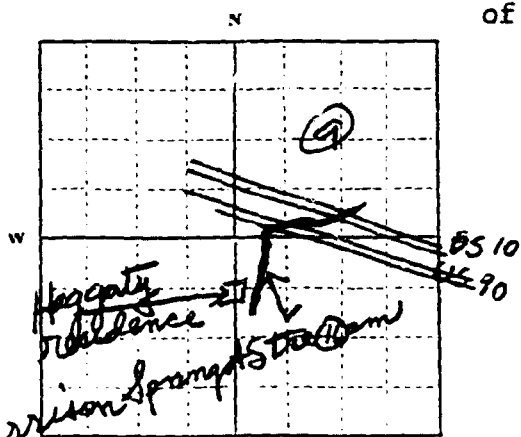
STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. JOAN GARRISON, of 1011 S. Third, Bozeman  
 (Name of Appropriator) (Address) (Town)  
 County of Gallatin State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



in SW  $\frac{1}{4}$  Sec 9 T. 2S R. 6E  
 + " NW  $\frac{1}{4}$  Sec 16 T. 2S R. 6E

Indicate point of appropriation  
 and place of use, if possible. Each  
 small square represents 10 acres.

use is along and at end  
 of red line (stream)

### of Garrison Springs

2. The beneficial use on which the claim is based irrigation  
and domestic purposes
3. Date or approximate date of earliest beneficial use; and how continu-  
 ous the use has been for over 50 years this water  
has been used for irrigation and domestic use  
including such use by my immediate predecessors,  
M. M. Nash and E. C. Haggerty.
4. The amount of groundwater claimed (in miner's inches or gallons  
 per minute) 15" m.m.
5. If used for irrigation, give the acreage and description of the lands  
 to which water has been applied and name of the owner thereof  
about 40 acres lying on both sides of Interstate,  
90 in SW  $\frac{1}{4}$  of SW  $\frac{1}{4}$  of Sec. 9 and NW  $\frac{1}{4}$  of NW  $\frac{1}{4}$  of  
Sec. 16, T2S, R6E, M.p.M. See 145 Deeds, 121,  
for particular description
6. The means of withdrawing such water from the ground and the loca-  
 tion of each well or other means of withdrawal Springs start on  
Haggerty tract S of E-W County Road about 300  
yards, SE of SE corner of Sunset Heights, a  
County Subdivision, and continue to rise\*
7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
 drawal of groundwater The stream channel is in a draw and has been worked and spr  
springs developed by deepening the draw with a dragline to increase the flow of  
waters and springs, about 1955.
8. The depth of water table at and near surface of a draw.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
 works for the withdrawal of groundwater bed of spring stream is about 3 feet below surface  
of earth on average. There are no obstructions or diversion or dams of any  
kind along the stream from source to claimants land.
10. The estimated amount of groundwater withdrawn each year continuous and uninterrupted flow to  
 claimant's premises of about 15" m.m.
11. The log of formations encountered in the drilling of each well if available  
none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
 reference to book and page of any county record As the stream progresses in a northerly dir-  
ection, Thru Sunset Heights Park and along the Easterly site of Sunset Heights  
picking up springs and seepage waters to land of claimant.  
This water right was duly posted of even date at the place of use.

Signature of Owner Joan Garrison

Date June 3, 1968

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of  
 Mines and Geology, and Quadruplicate for the Appropriator.

44315

#2169

State of Montana } ss.  
County of Gallatin  
Filed June 10, 1968  
at 8:06 o'clock A. M.  
Carl L. Stucky  
County Clerk & Recorder  
By Laurel A. Mapwell  
Deputy  
Fee \$ 2.00

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD  
**NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL**  
Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Harold J. & Nancy E. GAUSTAD

Owner

Address 311 S. Grand  
Bozeman, Mont.

Date well started Aug 31, 1972

completed Sept 7, 1972

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Cable tool

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

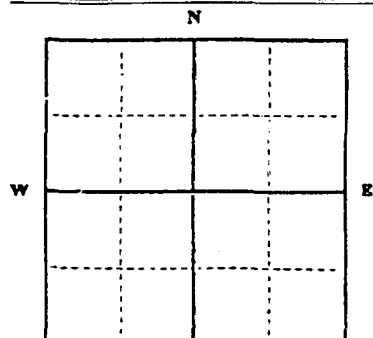
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe:

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	I 7 lb	I above				
	6 5/8		74	None		
	OD					



Static water level 45 ft.\*  
Pumping water level 55 ft.\*  
at 18 gallons per minute,  
measured 30 minutes after pumping began.  
\*Measured from ground level.  
Well developed by pump  
for 2 hours.  
Power 230 Pump 3/4 HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Lot 5, Block 1, Sunset Heights Subdiv.

T. 2S N. R. 6E Sec. 16  
S. W.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Harold B. Hulbert

Driller's Address Rt. one Bozeman, Montana

Hulbert, Drilling LICENSE NO. 47

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
0-3	soil	
3	14	clay
14	20	clay & gravel
20	25	clay & rock
25	30	clay
30	35	clay & gravel
35	40	clay & some sand
40	45	clay
45	50	clay & sand
50	55	clay & sand
55	58	some water gravel & sand
58	70	clay & rock
70	75	sand & very little water
75	79	gravel sand & water

78 Show exact depth of bottom

51,445

# 3130

State of Montana }  
County of Gallatin }  
Filed Sept. 19, 1972  
at 11:36 o'clock A.M.  
By Carl L. Stucky  
County Clerk & Recorder  
By Frank A. Bridge  
Deputy  
Fee \$ 2.00



File No. \_\_\_\_\_

T. 2S R. 6E

TRIPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

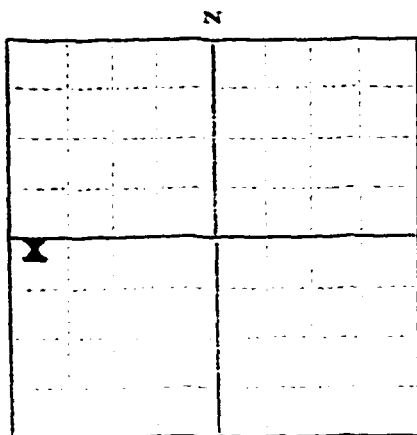
Top of Ground  
(Elev. above sea level \_\_\_\_\_)

0' --- 18' Clays.  
18' --- 24' Gravels .  
24' --- 75' Lenses of clays, gravels.  
Dry.  
75' --- 105' Same but a little wet.  
105' --- 120' Mixed clays and gravels. Wet.  
(Little water.)  
120' --- 124' Clays. Dry.  
124' --- 137' Gravels with clay lenses.  
(Little water)  
137' --- 150' Gravels, (Water)  
150' --- 155' Clays.  
T.D. 155'

Owner Howard Gower Address Bozeman, Mont.Driller VAN DYKEN DRILLING CO. Address Bozeman, Mont.Date of Notice of Appropriation of Groundwater noneDate well started June 18/65 Date Completed June 20/65Type of well Drilled Equipment Used Rotary  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	6 5/8" 020. 0 1800# test 19#		147'	1" X 16" Slots	126 106	147 116



SW 1/4 Sec. 16 T. 2S R. 6E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 55 feet.Shut-in Pressure for Flowing Well nonePumping Water Level 120 feet at 65 gal. per minute.Discharge in gal. per min. of flowing well noneHow Tested Air lift Length of Test 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Casing is cement grouted in from

80' up to 25'

License No I

Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

40738

#1973

State of Montana } ss.  
County of Gallatin }  
Filed **January 10**, 1966  
at **3:45** o'clock **P** M.  
**CARL L. STUCKY**  
County Clerk & Recorder  
By *Frank A. Mayfield*  
Deputy  
Fee \$ **2.00 paid**

Form No. 18  
8-60

16

T. 18 R. 6E  
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

16

*		

Water well log

Owner Edward C. Haggerty Address 383 N. Lawrence

Driller \_\_\_\_\_ Address \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

Location: Sec. 16 T. 18 R. 6E  $\frac{1}{4}$  sec. SW  $\frac{1}{4}$  NW  $\frac{1}{4}$

Type of well drilled Equipment used \_\_\_\_\_  
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Type of screen or perforations \_\_\_\_\_

Static water level, for non-flowing well: \_\_\_\_\_ feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_  
(date)

Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min.

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

# 325

Gallatin County, } ss.  
State of Montana. }  
Filed June 27 1981  
at 8:55 o'clock A.M.  
Earl Nelson  
COUNTY CLERK & RECORDER  
By Frank B. A. Maxwell DEPUTY  
Fee \$ 2.00

Form No. 18  
S-60

16

T. 18 R. 6E  
County Hallatin

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

16

	X	

Water well log

Owner Edward C. Haggerty Address 323 N. Lawrence  
Driller \_\_\_\_\_ Address \_\_\_\_\_  
Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_  
Location: Sec. 16 T. 18 R. 6E  $\frac{1}{4}$  sec. SE 1/4 NW 1/4

Type of well Drilled Equipment used \_\_\_\_\_  
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. 10 to ft. 15. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static water level, for non-flowing well: \_\_\_\_\_ feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_  
(date)

Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min.

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

# 326


Gallatin County, }  
State of Montana. } ss.  
Filed Dec 29 1961  
S. 56 o'clock 9 M.  
Carl H. Hines  
COUNTY CLERK, RECORDER  
By Frank B. A. Hines  
DEPUTY  
re \$ 2.00

T \_ \_ \_ R \_ \_ \_

Country USA

## Notice of Completion of Groundwater Appropriation by Means of Well

	Top of Ground
10	Clay
15	(Elev. above sea level.....)
20	Sand & Fine Gravel
30	
35	Sand & Fine Gravel
40	
50	Clay
53	
60	Sand & Fine Gravel
70	
71	Clay
72	Sand & Gravel
73	Clay
75	Thin layers of Gravel & Clay
79	
	Clay
100	
108	Sand
109	

 Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" OD X 19" ID	3' 11" 1/2	35'			

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).....

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Milton E. Jones  
Driller's Signature

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

46871





File No. ....

T. 2S R. 6E

DUPLICATE

County. Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: **Walter S. & Ruth M. HOLTZMAN** Address: **425 E. Babcock**  
Driller: **Harold B. Hulbert** Address: **Route 1 Bozeman, Mont**

Date of Notice of Appropriation of Groundwater .....

Date well started **Aug 14, 1962**Date Completed **Aug 16, 1962**

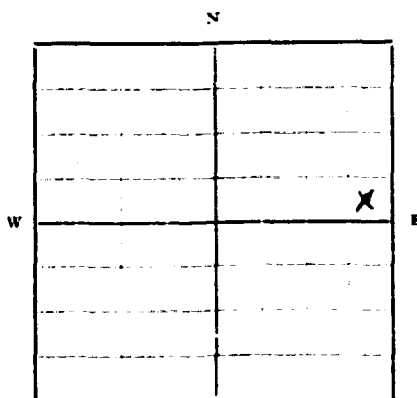
Type of well.....  
(dug, driven, bored or drilled)

Equipment Used.....  
(Churn, drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7	6" 80D 14 lb	0	44	None		



SE 1/4 Sec 16 T2 R6  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well **28'** feet.

Shut-in Pressure for Flowing Well .....

Pumping Water Level **40** feet at **30** gal. per minute.

Discharge in gal. per min. of flowing well .....

How Tested **Bailer** Length of Test **2 hr**

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) .....

**None**Driller's License Number **47**Driller's Signature **Harold B. Hulbert**

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

529

529

Sept 10  
18-17  
Boston  
2nd

County Gallatin 16

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner David R. & E. Jeannette JOHNSON  
Rt. 2, Box 25  
Address Bozeman, Mont. 59715

For Administrator's Use

File 2318  
September 21, 1970  
12.35 P.M.

Date well started July 14 1970  
completed July 22, 1970

GW 1

Type of well Drilled  
(Dug, driven, bored or drilled)

Equipment used Cable Tool  
(Churn drill, rotary or other)

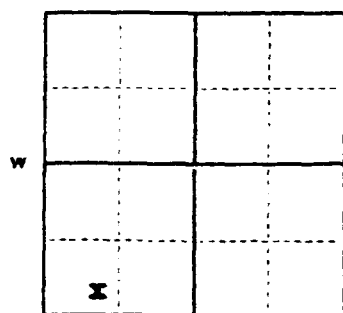
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
7" I9 Lb 6 5/8 O. D.		1 above	41 ft	Kind Size None



Static water level 96 ft.\*  
Pumping water level 117 ft.\*  
at 15 gallons per minute,  
measured 3 minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by rub. pump  
for 2 hours.  
Power 220V Pump 3/4 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Harold P. Hulbert  
Driller's Address Rt 1 Bozeman, Montana

LICENSE NO. 17

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0	35	clay
35	51	clay & sand
51	82	clay
82	96	clay & small gravel
96	111	clay & sand
111	116	clay & small amount of water
116	121	clay
121	12	sand clay small amount of water
126	132	sand & sand rock very little water
132	135	sand & water
135	136	water sand & gravel
136	140	water & sand

140 Show exact depth of bottom

47565

2318

State of Montana } ss.  
County of Gallatin  
This Sept 28, 1970  
at 12:35 o'clock P.M.  
Carl L. Stucky  
County Clerk & Recorder  
By Benjamin E. Griggs  
Deputy  
Fee \$ 200.00 pd

File No. \_\_\_\_\_

T 2S R 6E 16

TRIPLICATE

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater  
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground  
(Elev. above sea level \_\_\_\_\_)  
0' - 13' clays.  
13' - 73' Gravels and clays mixed.  
Water from 55' to 73'  
73' - 80' Clays. dry.  
80' - 90' Gritty clays.  
Wet.  
T.D. 90'

Owner Chas. A. Kirpatrick Address Bozeman, Mont.

Driller VAN DYKEN DRILLING CO Address Bozeman, Mont.

Date of Notice of Appropriation of Groundwater none

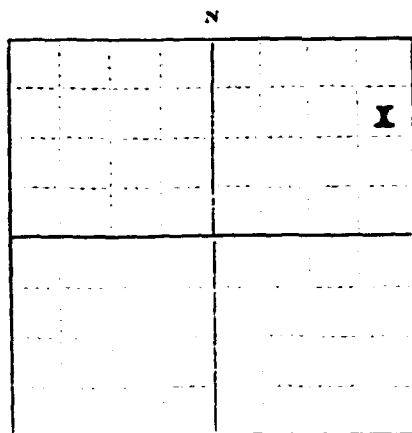
Date well started June 24/65 Date Completed June 26/65

Type of well Drilled Equipment Used Rotary  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)

Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	6 5/8" O.D. 1800 test 19#	0	75'	1" x 5" slots	60	75



NE 1/4 Sec 16 T2S R6E

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 26' ~~144'~~ feet.

Shut-in Pressure for Flowing Well none

Pumping Water Level 55 feet at 35 gal. per minute.

Discharge in gal. per min. of flowing well none

How Tested Air lift Length of Test 2 Hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) \_\_\_\_\_

Casing is cement grouted in from 35' to 55'

License No. I

Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

131

#1972

State of Montana } ss.  
County of Gallatin }  
Filed **January 10**, 1966  
at **3:40** o'clock **P.**M.  
**CARL L. STUCKY**  
County Clerk & Recorder  
By *Janet A. Mepner*  
Deputy  
Fee \$ **2.00 paid.**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Glen Landrecht

Address Rt. 13

Borger, Montana

Date well started 7-8-72

completed 7-21-72

For Administrator's Use

File 3129  
Pat. 19, 172-11, 15, 47

GW 1

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used cable tool

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

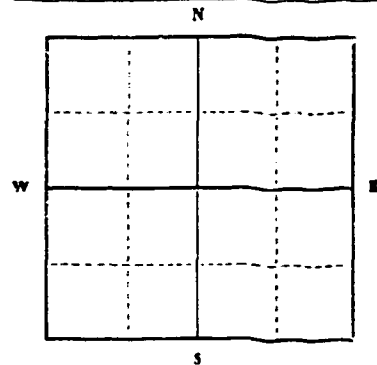
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
6"	17 1/2"	+1	137	Kind Size 5 ft. 10000 S.S. Screen set 136' 144' 2 ft. 5" tail pipe open bottom



SE 1/4 NE 1/4 Sec. 16  
T. 2N R. 6E S. 36

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Hubert A. Potts

Driller's Address Potts Drilling and Development

Route 7, Borger, Montana LICENSE NO. 50

25-6E  
County Callahan 16

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
1	37
37	72
72	80
80	97
97	97
97	100
100	136
136	141
141	145

145 Show exact depth of bottom

51,440

3129

State of Montana  
County of Gallatin SS.  
Filed Sept 19 1972  
at 11:15 o'clock A.M.  
Carl L. Stucky  
County Clerk & Recorder  
By Clara L. Hall  
Deputy  
Fee \$ 2.00



55556

# 3255

State of Montana )  
County of Gallatin ) ss.  
Filed June 12, 19 73  
at 12:05 o'clock P.M.  
Carol Stucky  
County Clerk & Recorder  
By Donald D. Bridges  
Deputy  
Fee \$ 2.00 HL

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, a state, otherwise the form may be returned.

Owner Robert F. Myers  
Address H.S. Box 29  
Bozeman, Mont.  
Date well started 3-15-72 completed 3-24-72  
Type of well drilled  
Equipment used table tool  
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐  
\*Describe \_\_\_\_\_  
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). \_\_\_\_\_

For Administrator's Use  
File 3-22  
Aug. 30, 1972  
GW 1

County 23.16 16

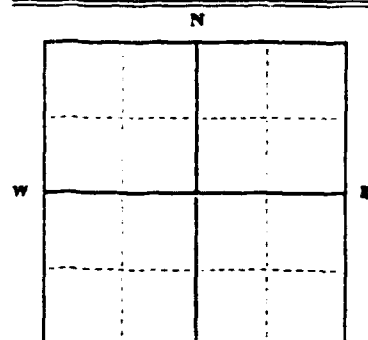
DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	1	soil
1	32	clay
32	32	gravel sand
32	40	clay
40	50	gravel sand
50	55	gravel sand of water
55	60	clay
60	65	clay sand
65	70	clay sand
70	75	clay sand
75	80	clay gravel sand
80	85	clay gravel and sand
85	90	clay and sand
90	100	clay and sand
100	105	clay and sand
105	107	water (at 107)
115	116	water (at 116) gravel

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
7"	6 5/8	1 above	107	Static level 105 115



Static water level 34 ft.  
Pumping water level 3 ft.  
at 1 gallons per minute,  
measured 30 minutes after pumping began.  
\*Measured from ground level.  
Well developed by \_\_\_\_\_  
for 2 hours.  
Power 250701 Pump 21 HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff) \_\_\_\_\_

Lot 3, Blk 2, Mountain Meadows Subdiv.

1/4 Sec. 16  
T. 23 N. R. 6E  
S. W.

INDICATE LOCATION OF WELL AND PLACE OF USE IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Frank B. Hubert

Driller's Address 1000 E. 1st St., Bozeman, Mont.

LICENSE NO. 47

Show exact depth of bottom

51.255

# 3120

State of Montana ss.  
County of Gallatin  
Filed August 30 1972  
at 2:30 o'clock P  
Carl L. Stucky  
County Clerk & Recorder  
By Frank A. Fridge  
Deputy  
Fee \$ 2.00

File No. \_\_\_\_\_

STATE WATER CONSERVATION BOARD

T 25 R 6 S 16

DUPLICATE

County Stillwater

## LOG

Borehole

Casing

Cement

Diameter

Depth

## STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground  
(Elev. above sea level \_\_\_\_\_)

0' - 25' Clays. dry.

25' - 27' Claybound sand and gravels.

27' - 31' Clays. dry

31' - 39' Sand and gravels. dry

39' - 41' clays Dry.

41' - 103' Sand and gravels. dry.

103' - 123' Claybound sand and gravels. Wet.

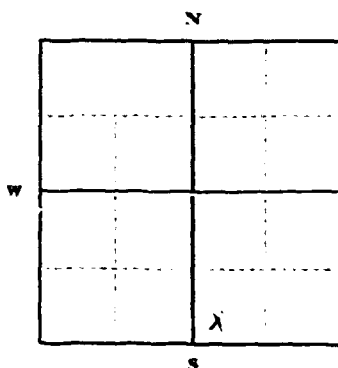
123' - 125' Clean sand and gravels. WATER.

T.D. 125'

Owner BAVET RANCH Address BOZEMAN, MONT.Driller VAN DYKEN DRILLING CO. Address BOZEMAN, MONT.Date of Notice of appropriation of groundwater noneDate well started March 7/66 Date completed March 11/66Type of well Drilled Equipment used Cable tools.  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" O.D. 17# P.E.	0	124'	none		

Static Water Level for non-flowing well 85' feet.Shut-in Pressure for Flowing Well nonePumping Water Level 110' feet  
at 12 gal. per minute.Discharge in gal. per min. of flowing well noneHow Tested BailerLength of Test 1 Hr.Remarks: (Gravel packing, cementing, packers, type of shutoff) none

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e., Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

LICENSE NO. 1.

Driller's License Number

Driller's Signature

1993

State of Montana  
County of Gallatin  
Filed May 6 1993  
Carl L. Stucky  
Clerk & Recorder  
Booth  
Deputy  
See 703

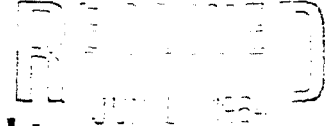
File No. \_\_\_\_\_

T 35 R 6E

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

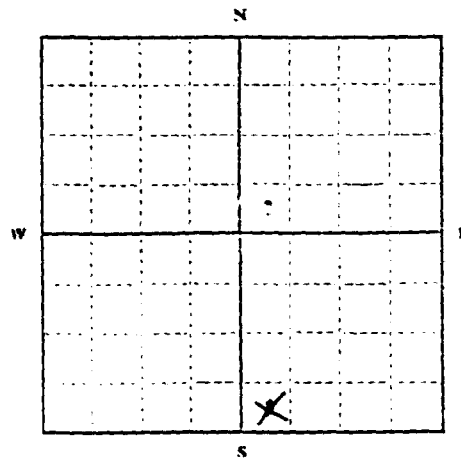


## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. ANNA M. RAVET, of Box 482-Bozeman  
(Name of Appropriator) (Address) (Town)  
County of GALLATIN State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 16 T. 35 R. 6E

Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based Livestock  
House water & irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 40 yrs by the  
present owner maybe before
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1000 G. P. M.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Ten acres in the present  
farmstead of the  
owner marked above
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal By pump at description  
to the left
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not known
8. The depth of water table \_\_\_\_\_
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled, 4 in casing,  
Not known Depth 130 ft
10. The estimated amount of groundwater withdrawn each year 8,760,100 Gallons
11. The log of formations encountered in the drilling of each well if available Not known
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record \_\_\_\_\_

Signature of Owner

Anna M. RavetDate May 29, 1964

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of  
Mines and Geology, and Quadruplicate for the Appropriator

#1852

State of Montana {  
County of Gallatin } ss.  
Filed May 29 1914  
at 10:50 o'clock A. M.  
EARL WALTON  
COUNTY CLERK & RECORDER  
By Lucille H. Mayfield  
DEPUTY  
Fee \$2.00 pd



File No. \_\_\_\_\_

RECEIVED

T. 25 R. 6 E

DUPLICATE

JAN 28 1970

County Hall County

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level \_\_\_\_\_)

Notice of Completion of Groundwater  
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

0-1 soil

1-15 clay

15-20 clay &amp; small rock

20-26 clay small gravel

26-28 clay &amp; rock

28-52 sand &amp; clay

52-53 clay &amp; rock

53-55 clay & rock &  
sand

55-70 clay

70-79 sand &amp; rock

79-82 water

82-92 clay

92-100 sand gravel water

100-110 sand rock

110-127 sand rock &  
water

Bottom of well 127'

Owner Chester H. Reist Address Rte 2, BozemanDriller Harold Hulbert Address Rt 1, Bozeman, Mont.

Date of Notice of appropriation of groundwater \_\_\_\_\_

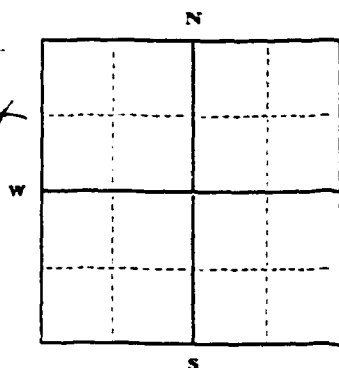
Date well started Nov 24 1969 Date completed Dec 4 1969Type of well Drilled Equipment used Churn  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	1 1/2 lb	1 above	89 1/2'	slots		
	6 5/8 O. D.			1/8" x 1/2"	90-127	
	Plastic Linner	82	127' 4"			

Doc. No. 2261

Filed for record

on 27 day of JanuaryA.D. 1970 at 4:00by P.M.

SW 1/4 Sec. 16 T. 25 R. 6 E  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 73 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 87 feetat 4-80 gal gal. per minute.

Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested Pump & bailerLength of Test 4 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff) \_\_\_\_\_

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

47

Driller's License Number

Harold Hulbert  
Driller's Signature.

16112

2261

State of Montana ss.  
County of Gallatin  
Filed Jan. 27 1970  
at 4:00 o'clock P.M.  
Carl L. Stucky  
County Clerk & Recorder  
By Betty Rose Griggs  
Deputy  
Fee \$ 300.00

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Mark Steiner

Address Jo-Mar Trailer Court

Bozeman, Mont.

Date well started July 13 1972

completed July 17, 1972

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Cable tool

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

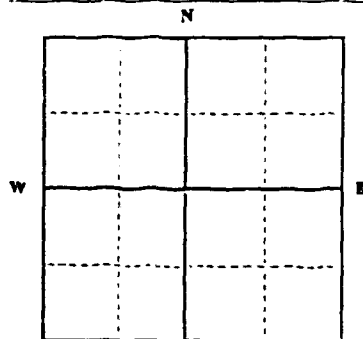
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
7"	6" 5/8"	72	72	Kind Size From (Feet) To (Feet)
	17 lb	1 ft above		none



Lot 6, Block 2, Sunset Heights Subdivision

1/4 Sec. 16  
T. 2S N. R. 6E S. W.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Harold B. Hulbert

Driller's Address Rt one Bozeman, Montana

Hulbert Drilling

LICENSE NO. 47

County Gallatin

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	5	soil
5	10	clay
10	15	clay & rock
15	20	clay
20	30	clay rock
30	35	clay gravel & sand
35	40	clay & sand
40	45	clay
45	50	clay & sand
50	55	clay
55	57	small gravel sand water (bail dry)
57	60	sand gravel some water
60	63	clay & sand
63	64	water & sand
64	69	clay & sand & some water
69	73	water little sand rock
73	74	water sand & gravel

72 Show exact depth of bottom

50.976

#3094

State of Montana ss.  
County of Gallatin  
Filed July 19, 1972  
at 8:30 o'clock A.M.  
Carl J. Stucky  
County Clerk & Recorder  
By Shirley D. Bridges  
Deputy  
Fee \$ 7.00 pd.

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Bryan H. & Dora F. Vioch  
Address Rt 2 Box 44 File # 3069  
Bozeman, Mont May 1, 1972 9:35 am  
Date well started Sept 11, 1965 GW:  
completed Sept 18, 1965

Type of well Drilled  
(Dig, driven, bored or drilled)

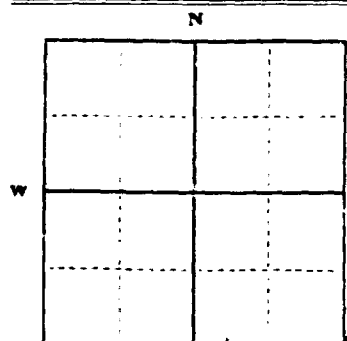
Equipment used Churn Drill  
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe  
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 75,000 gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
<u>6 5/8" OD</u>	<u>6 5/8" OD 17#</u>	<u>70 1/2 ft</u>	<u>70 1/2 ft</u>	<u>NONE</u>



Static water level 20 1/2 ft.\*  
Pumping water level 57 1/2 ft.\*  
at 30 gallons per minute,  
measured 45 minutes after pumping  
began.

\*Measured from ground level.  
Well developed by Pumping  
for 3 1/4 hours.

Power..... Pump..... HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)

Lot 5 Virginia Subdiv

T. 2 S. Sec. 16  
R. 6 E.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Donald C. Jensen

Driller's Address 2102 Broadway, Or.

Bozeman, Montana LICENSE NO. 17

County DeWitt 16  
DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
<u>0</u>	<u>22</u>	<u>SURFACE</u>
<u>22</u>	<u>25</u>	<u>CLAY</u>
<u>25</u>	<u>36</u>	<u>SAND &amp; FINE GRAVEL</u>
<u>36</u>	<u>57</u>	<u>SANDY CLAY</u>
<u>57</u>	<u>58</u>	<u>SAND, GRAVEL &amp; CLAY</u>
<u>58</u>	<u>69 1/2</u>	<u>SANDY CLAY</u>
<u>69 1/2</u>	<u>80</u>	<u>SAND &amp; FINE GRAVEL</u>
		<u>CLAY</u>

80 ft. Show exact depth of bottom

50,312

3069

State of Montana ss.  
County of Gallatin  
Filed May 1 1972  
at 939 o'clock P.M.  
Carl L. Starn,  
County Clerk & Recorder  
By Leta M. Whitman  
Deputy  
Fee \$ 2.00 pd

File No. \_\_\_\_\_

DUPLICATE

LOG

Top of Ground

(Elev. above sea level \_\_\_\_\_)

0-1 soil  
 1-30 clay & rock  
 30-83 clay  
 75-76 sand & water  
 76-86 clay & sand  
 86-89 clay  
 89-95 sand & water  
 95-109 clay  
 109-115 clay, sand & water  
 115-122 sand & water  
 122\*-125 clay  
 124 bottom of well

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
 Appropriation by Means of Well  
 DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner JIM A. WARNER Address Box 217; Bozeman  
 Driller Harold Hulbert Address Route 1 Bozeman, Mon

Date of Notice of appropriation of groundwater \_\_\_\_\_

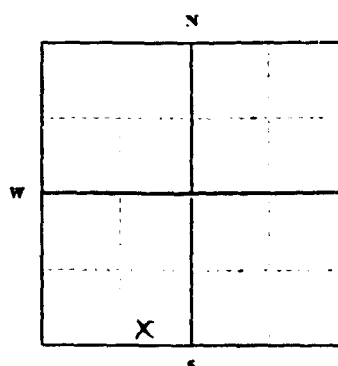
Date well started June 19, 1965 Date completed June 26, 1965

Type of well Drilled Equipment used Churn  
 (Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐  
 Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	19 lb	4 above	109	None		
	6 5/8 O.D.					



Sec. 4, T. 2 S., R. 6 E.  
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well  
76 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 99 feet  
 at 10 gal. per minute.

Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested Failer  
 Length of Test 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) \_\_\_\_\_

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (see Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state; otherwise the form will be returned.

Driller's License Number

Driller's Signature

39871

#1916

State of Montana }  
County of Gallatin } ss.

Filed July 2 1965  
at 9:45 o'clock A. M.

CARL L. STUCKY

COUNTY CLERK & RECORDER

By Lucille A. Wapner

DEPUTY

Fee \$ 2.00 pd



File No. 100-100 1965

T. J. Wilson

DUPLICATE

E

E

C

E

Top of Ground

County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater  
Appropriation by Means of Well

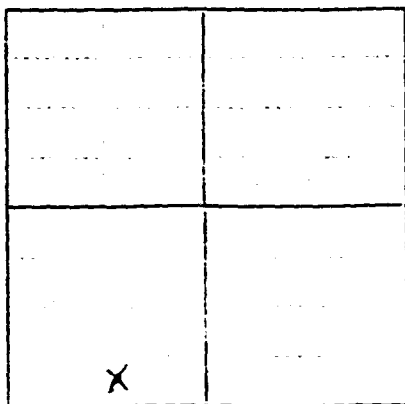
(Under Chapter 237, Montana Session Laws, 1961)

08'-- 18' Clays.  
16'-- 32' Gravels and clay  
lenses.  
32'-- 60' Clays.  
60'-- 95' Sandy clays.  
95'-- 105' Clay with small  
gravel lenses.  
(little water.)  
105'-- 130' Gritty clays.  
(wet).  
130'-- 140' Gravels with small  
clay lenses.  
(Water)  
140'-- 150' Clays.  
T.D. 150'

Owner KENNETH WILSON Address Bozeman, Mont.  
Driller Van Dyken Drilling Co. Address Bozeman, Mont.  
Date of Notice of Appropriation of Groundwater none  
Date well started June 14/65 Date Completed June 14/65  
Type of well Drilled Equipment Used Rotary  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)  
Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	6 5/8" cgd. 0 1800# test 19#	0	140'	1x6" slot	140 105	120 100



Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 55 feet.Shut-in Pressure for Flowing Well nonePumping Water Level 120 feet at 65 gal. per minute.Discharge in gal. per min. of flowing well noneHow Tested Air lift Length of Test 2 Hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation)

Well is cemented with neat cement grout  
from 95' up to 55' between casing  
and 8" hole.

License No. I

Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

39862

195

State of Montana }  
County of Gallatin } ss  
Filed Nov. 19 1965  
at 3.10 o'clock P. M.  
Carl L. Smith  
COUNTY CLERK & RECORDER  
By [Signature]  
DEPUTY  
Fee \$ 20.00

File No. \_\_\_\_\_

T. 2S R. 6E 16

DUPLICATE

County Gallatin

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

SUNSET HEIGHTS SUB-DIV.

Owner Louis J. K. [unclear] Address Block 1 Lot 18Driller Harold Hulbert Address Route 1, Bozeman

Date of Notice of appropriation of groundwater \_\_\_\_\_

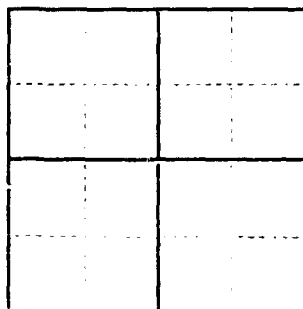
Date well started May 1, 1962 Date completed Nov 21, 1962Type of well drilled Equipment used Cable Tool  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6 5/8	I above	61	slots 12"	60	85
	O. D.					
	19 Lb					
	Linner			3 per foot		
	5 5/8	59	85			
	O. D.					

SUNSET HEIGHTS SUB-DIVISION  
Block 1 Lot 18

SUNSET HEIGHTS  
a subdivision of a portion  
of section 16, Township 2  
South, Range 6 East of the  
Montana principal Meridian, in  
the county of Gallatin, State of Montana



Sec 16 T2S R6E  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well \_\_\_\_\_ feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 45 feet

at 20 gal. per minute.

Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested Failer & pump

Length of Test 1 hour

Remarks: (Gravel packing, cementing, packers, type of shutoff) \_\_\_\_\_

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Harold B. Hulbert  
Driller's Signature

44189

# 2163

State of Montana  
County of Gallatin ss.  
Filed May 31, 1968  
at 9:30 o'clock AM.  
Carl L. Stucky  
County Clerk & Recorder  
By Leah G. Napier  
Deputy  
Fee \$ 2.00 pd.

File No. \_\_\_\_\_

T. 2 R. 2

DUPLICATE

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

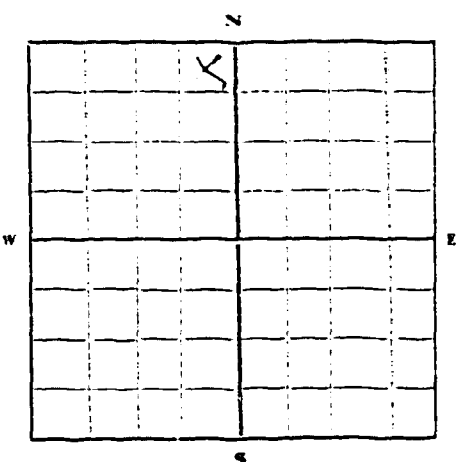
**RECEIVED**  
OCT 24 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, John J. Smith, of Bozeman, Bozeman County, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



4. Sec. 12 T. 2 S. R. 2 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based. For irrigation of alfalfa and corn
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Since 1950
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 100 miner's inches
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 100 acres, John J. Smith, Bozeman, Montana
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 3 wells in Section 12, T. 2 S. R. 2 E.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Completed 1955
8. The depth of water table. 10 feet below surface
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 3 4-inch diameter, 10-foot deep, hand-dug wells
10. The estimated amount of groundwater withdrawn each year. 100 miner's inches
11. The log of formations encountered in the drilling of each well if available. None
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

Signature of Owner John J. Smith

Date \_\_\_\_\_

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

# 744

State of Montana / ss.  
County of Gallatin /

Filed Oct 23 1945  
at Bozeman 9:45 A.M.  
by Carl Walton  
County Clerk

By J. T. Morrow

Fee \$  
2.00 Pd.  
HHL

File No. ....

T. 7 R. ....

DUPLICATE

County GALLATIN

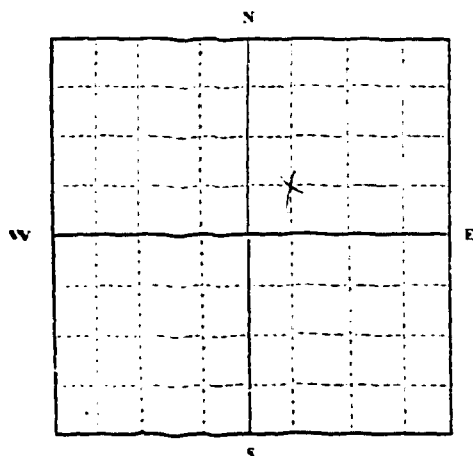
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, ALFRED LOUIS ABELIN, of 1526 South Church Street, Bozeman  
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 18, T2 S. R. 6E. M.P. 6.

Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based For irrigating lawns and for domestic purposes.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1939—have used water continuously for domestic purposes and for irrigation of lawns during the summer months from these wells for five houses and five lawns.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). About 400 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Alfred Louis Abelin is the owner—wells are used to irrigate one-half acre of land with the wells.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric pumps are used to withdraw the water. The two wells are located at 1524 and 1526 South Church Street, Bozeman, Montana.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. First well was drilled in 1939—the other well was drilled in 1945.
8. The depth of water table. Approximately 20 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. One well is 65 feet deep and the other approximately 45 feet deep.
10. The estimated amount of groundwater withdrawn each year. 18,000 gallons approximately.
11. The log of formations encountered in the drilling of each well if available. not known.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. This tract was surveyed and re-recorded on the 14th day of August, 1961 by Charles R. Swart, Land Surveyor #18535.

Signature of Owner Alfred Louis Abelin

Date December 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.

35927

1613

31  
12,36  
3  
f  
QCC



File No. ....

T 25 R 6 E

DUPLICATE

County Gallatin

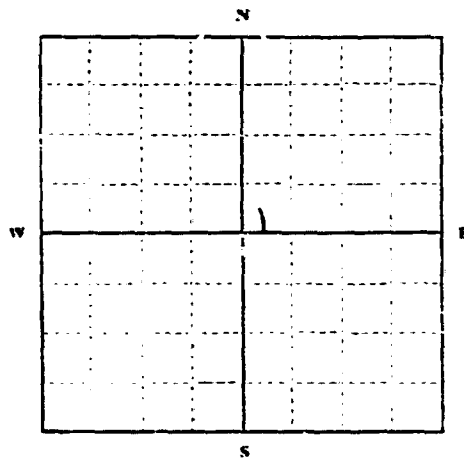
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. James C. Abelin of 1330 South Church  
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NE 1/4 Sec. 18 T. 25 R. 6 E

Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based domestic  
and irrigated

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1938

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 gal a day

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof irrigated & domestic

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1938

8. The depth of water table 156 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well 156 ft

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available sand & gravel

12. Such other information of similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not applicable

Signature of Owner James C. Abelin

Date Dec 20, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quaduplicate for the Appropriator.

33390

257

State of Montana : ss.  
County of Gallatin :

Filed Dec 30, 1963  
at 12:37 o'clock A.M.  
Carl Wallen

COUNTY CLERK & RECORDER  
By Eda J. Norton  
DEPUTY

Fee \$ \_\_\_\_\_

File No. \_\_\_\_\_

T 25 R 6E (110)

DUPLICATE

County GALATIN

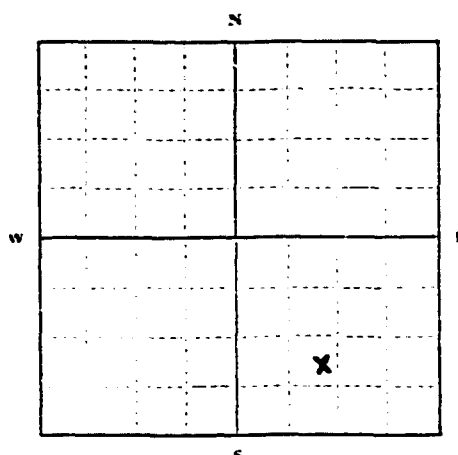
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

C. WARD & GENEVA F. ARMSTRONG, of 1924 SOURDOUGH RD BOZEMAN  
(Name of Appropriator) (Address) (Town)

County of GALATIN State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE  $\frac{1}{4}$  18 Sec. T. 25 R. 6E (1.10)

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based DOMESTIC, LIVESTOCK
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1939
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60 GAL/MIN
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
USED VERY LITTLE FOR IRRIGATION — GARDEN ONLY
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal DRILLED WELL

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater APPROX 1939 - 1940
8. The depth of water table VARIES BETWEEN 30 FT & 50 FT BELOW GROUND
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
4 INCH CASED WELL, 1 HP PUMP, JET TYPE  
WELL IS 90' DEEP
10. The estimated amount of groundwater withdrawn each year APPROX 45,000 GAL
11. The log of formations encountered in the drilling of each well if available ALLUVIAL CLAY, EXTENDS FROM EAST, SLOPES WEST TOWARD VALLEY
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

*C. Ward & Geneva F. Armstrong*  
Date DECEMBER 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

35944

1630?

1630

State of Montana )  
County of Gallatin ) ss.  
Filed Dec - 31, 1963  
at 12:53 o'clock P M.  
Jan 2 1964  
COUNTY CLERK & RECORDER  
By fr  
DEPUTY  
Fee \$ 5.00

File No. ....

T 22 R 6 E

DUPLICATE

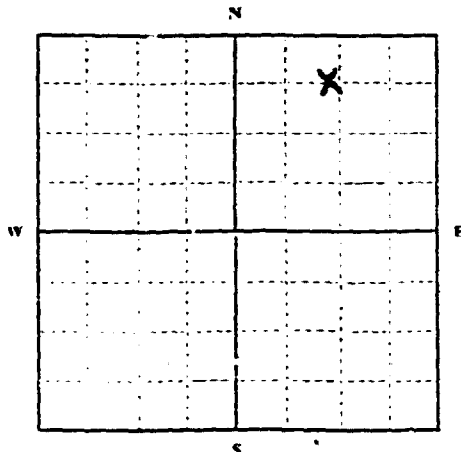
County Hellington

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Rose L. Baker of Bozeman Mont  
 (Name of Appropriator) (Address) (Town)  
 County of Hellington State of Montana  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/4 Sec 18 T 25 R 6 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic & field irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous - 1956
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gal.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof .59 A. yard & garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Jet Pump - in garage
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 2/1/56
8. The depth of water table 4 ft to 8 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 in case well - 25 ft
10. The estimated amount of groundwater withdrawn each year 260,000 gal.
11. The log of formations encountered in the drilling of each well if available No log
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Deed Recorded Book 134 - Record - page 474

Signature of Owner

Date 2/31/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.

55847

1533

Acc - 31

11.5  
Pam. 11.5

Q.

21

200

File No. \_\_\_\_\_

T. 28 R. 63

DUPLICATE

County BALLANTIN

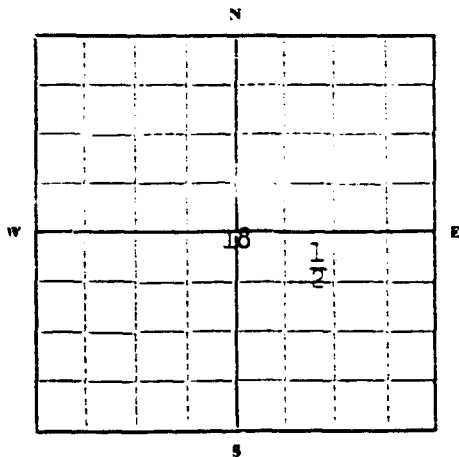
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

NOV 22 1963  
STATE ENGINEER

1. FRANK BELTZ of 1507 S. CHURCH BOZEMAN  
 (Name of Appropriator) (Address) (Town)  
 County of BALLANTIN State of MONTANA  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962. as follows:



NW 1/4 Sec 18 T. 28 R. 63

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2 5 6 18

2. The beneficial use on which the claim is based. HOUSEHOLD
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. WELL #1 - 1922, WELL #2 - 1952  
#1 - 250 gpm, #2 - 250 gpm.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) #1 - 250 gpm, #2 - 250 gpm
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
  1. Yard
  2. 1/2 acre, garden and yard.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.  
Electric pumps wells located at residences.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. #1 - 1922, #2 - 1952
8. The depth of water table. 8 to 10 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. #1 40 feet deep 4" cased and 1 1/2" driven.  
#2 6" casing 40 feet
10. The estimated amount of groundwater withdrawn each year. #1 2800 - 3000 gallons per year.  
#2 1 acre ft plus 3000 gallons per year.
11. The log of formations encountered in the drilling of each well if available. Unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Frank Beltz

Date 11-21-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state. otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

#771

State of Montana }  
County of Gallatin } ss.

Filed November 21, 1963  
at 10:45 o'clock A. M.

EARL WALTON

COUNTY CLERK & RECORDER

By

Lucille A. Maford

DEPUTY

Fee \$ 2.00 pd



File No. \_\_\_\_\_

T. 22 S. R. 6 E.

DUPLICATE

County Ballwin

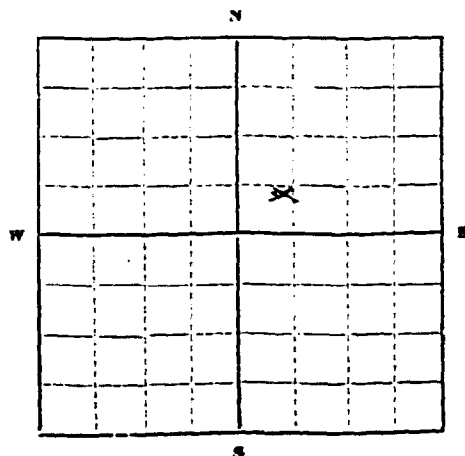
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Walter S. Combs of 687 S. Church, Bigfork  
(Name of Appropriator) (Address) (Town)

County of Hallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



W. 1/4 Sec. 18 T. 22 S. R. 6 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based. household and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. dug well 1899 continuous  
drilled well 1954 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute). dug well 2 to 4 gal per min.  
drilled well 5 to 8 gal per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 5 acres truck garden - home.  
Walter S. Combs.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. electric motors & pumps.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1899 dug well  
1954 drilled well
8. The depth of water table. approx 9'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.  
dug well - 14' deep - 4' dia - 5' water  
drilled well - 80' deep - 6" dia - 71' water
10. The estimated amount of groundwater withdrawn each year. both wells - 230,000 gals per yr.
11. The log of formations encountered in the drilling of each well if available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Walter S. CombsDate 7/2/62

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

509



May 2 1924  
C. C. H. Co.  
200 St.

Form No. 18  
8-60

18

T. 23 R. 6E  
County Hall

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

Water Well Log


Owner William B. Cook Address 2119 Sourdough  
Driller Van Dyken Drilling Co. Address Bozeman  
Date Started April 1958 Date Completed April 1958  
Location: Sec. 18 T. 23 R. 6E  $\frac{1}{4}$  sec. lot 4 Lewis Sub Div

Drilled

CABLE TOOLS

Type of well \_\_\_\_\_ Equipment used \_\_\_\_\_  
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐

Drainage ☐

Other \_\_\_\_\_

Casing: 0 ft. to 66 1/2 ft. Type Prime Steel Size 6 5/8 OD 19# P.F.

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to NONE ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. \_\_\_\_\_ to ft. NONE. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations 39

Static water level, for non-flowing well: NONE feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level 46 feet at 15 gal. per min.

How tested: BAILER

Length of test ONE HOUR

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

NONE

(over)

# Log of Well

[illegible]

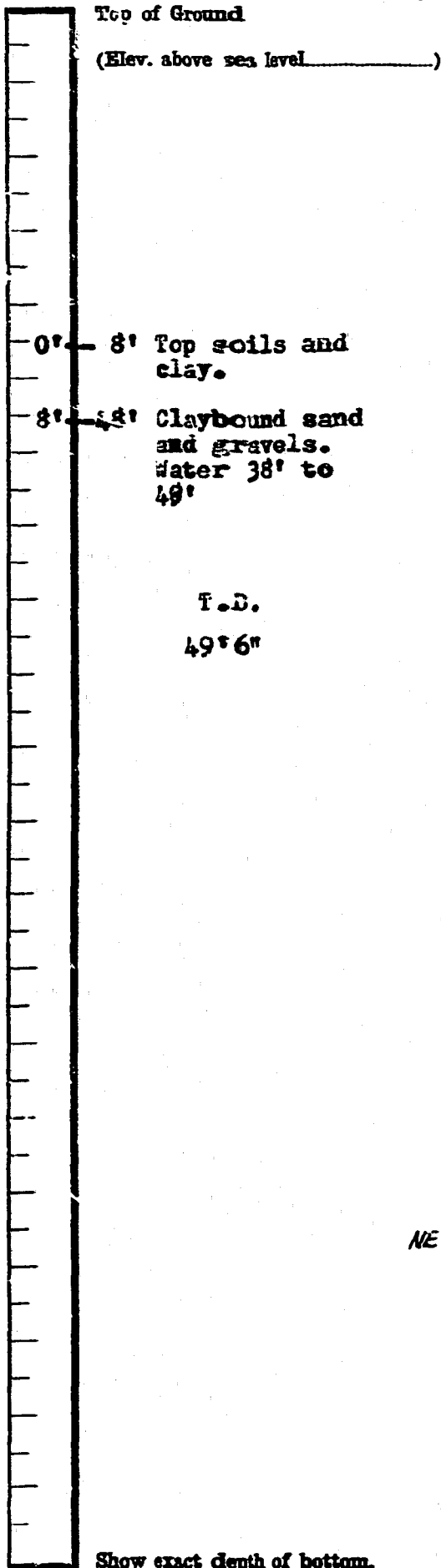
File No. \_\_\_\_\_

DUPLICATE

MONTANA WATER RESOURCES BOARD  
RECEIVEDT. 2S. R. 6E. 16  
County Gallatin

LOG

OCT 6 1969

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Notice of Completion of Groundwater Appropriation by Means of Well

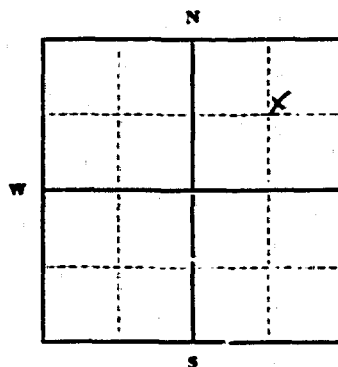
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner DEAN CHAFFIN Address BOZEMAN, MONTANADriller VAN DYKEN DRILLING CO. Address BOZEMAN, MONTANADate of Notice of appropriation of groundwater noneDate well started July 22/69 Date completed July 30/69Type of well Drilled Equipment used Cable tools  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 7/8" O.D. 17# per ft.	0'	48'	none		

Static Water Level for non-flowing well 18' feet.Shut-in Pressure for Flowing Well nonePumping Water Level 28' feet  
at 25 gal. per minute.Discharge in gal. per min. of flowing well noneHow Tested bailerLength of Test 2 Hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Puddled clays  
shutoff outside of casing  
from 0' to 48'

NE 1/4, NE 1/4 Sec. 16, T. 2S. R. 6E.  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

LICENSE NO. 1

Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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